

U.S. Appln. No. 09/710,129
Reply to Office Action dated May 6, 2005

PATENT
450100-02839

LISTING OF THE CLAIMS

An identifier indicating the status of each claim is provided.

1. (Previously Presented) A telephone set comprising:

a connection means to execute a connecting process for enabling transmission and reception of an information signal by radio communication to and from a home appliance which supports audio transmission or reception by said radio communication and is remote-controllable by said radio communication;

a control means for generating, upon arrival of an incoming call, a remote control signal to said home appliance; and

a radio communication means for sending the remote control signal to said home appliance by the radio communication;

wherein said radio communication means is simultaneously operable in at least two different frequency bands; and

wherein said radio communication means is operable to receive a confirmation signal in one frequency band from said appliance indicating that said appliance has received said remote control signal.

2. (Original) The telephone set according to claim 1, wherein said radio communication is Bluetooth communication.

3. (Original) The telephone set according to claim 1, wherein said remote control signal serves to stop the audio output of said home appliance under control.

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4. (Original) The telephone set according to claim 1, wherein said connection means executes a connecting process in advance so as to enable fast transmission and reception of the information signal to and from said home appliance.

5. (Original) The telephone set according to claim 1, wherein said connection means executes a connecting process upon arrival of an incoming call so as to enable transmission and reception of the information signal to and from said home appliance.

6. (Original) The telephone set according to claim 1, wherein said connection means releases the connection with said home appliance upon termination of the call.

7. (Original) The telephone set according to claim 1, wherein said control means generates, upon arrival of an incoming call, the remote control signal to a plurality of said home appliances.

8. (Original) The telephone set according to claim 1, further comprising a control signal acquisition means to acquire the remote control signal in advance from said home appliance.

9. (Original) The telephone set according to claim 3, wherein the control for stopping the audio output is a function to pause the playing operation.

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10. (Original) The telephone set according to claim 3, wherein the control for stopping the audio output is a sound mute function.

11. (Original) The telephone set according to claim 3, wherein the remote control signal further serves to execute another control for sending an incoming-call notice tone to said home appliance.

12. (Original) The telephone set according to claim 3, wherein said control means further executes, upon termination of the call, a control action for resuming the audio output of said home appliance.

13. (Previously Presented) A communication adaptor installable in a telephone set, comprising:

a connection means to execute a connecting process for enabling transmission and reception of an information signal by radio communication to and from a home appliance which supports audio transmission or reception by said radio communication and is remote-controllable by said radio communication;

a control means for generating, upon arrival of an incoming call, a remote control signal to the home appliance; and

a radio communication means for sending the remote control signal to said home appliance by the radio communication;

wherein said radio communication means is simultaneously operable in at least two different frequency bands; and

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wherein said radio communication means is operable to receive a confirmation signal in one frequency band from said appliance indicating that said appliance has received said remote control signal.

14. (Previously Presented) A home appliance control method comprising the steps of:

enabling transmission and reception of an information signal by radio communication to and from a home appliance which supports audio transmission or reception by said radio communication and is remote-controllable by a radio communication means;

generating, upon arrival of an incoming call, a remote control signal to said home appliance;

sending the remote control signal to said home appliance by the radio communication; and

receiving a confirmation signal in one frequency band from said appliance indicating that said appliance has received said remote control signal;

wherein said radio communication means is simultaneously operable in at least two different frequency bands.

15. (Original) The home appliance control method according to claim 14, wherein said radio communication is Bluetooth communication.

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16. (Original) The home appliance control method according to claim 14, wherein the audio output of said home appliance is stopped under control by said remote control signal.

17. (Original) The home appliance control method according to claim 14, wherein, at said connection processing step, the connecting process is executed in advance so as to enable fast transmission and reception of the information signal to and from said home appliance.

18. (Original) The home appliance control method according to claim 14, wherein, at said connection processing step, the connecting process is executed upon arrival of an incoming call so as to enable transmission and reception of the information signal to and from said home appliance.

19. (Original) The home appliance control method according to claim 14, further comprising a connection releasing step for releasing the connection with said home appliance upon termination of the call.

20. (Original) The home appliance control method according to claim 14, wherein, at said remote control signal generating step, the remote control signal is generated, upon arrival of an incoming call, to a plurality of said home appliances.

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21. (Original) The home appliance control method according to claim 14, wherein, at said remote control signal generating step, the remote control signal is acquired in advance from said home appliance.

22. (Original) The home appliance control method according to claim 16, wherein the control for stopping the audio output is a control to pause the playing operation.

23. (Original) The home appliance control method according to claim 16, wherein the control for stopping the audio output is a control to mute the sound.

24. (Original) The home appliance control method according to claim 16, wherein the remote control signal further serves to execute another control for sending an incoming-call notice tone to said home appliance.

25. (Original) The home appliance control method according to claim 16, wherein the remote control signal further serves to execute, upon termination of the call, another control for resuming the audio output of said home appliance.

26. (Previously Presented) A program recording medium where a home appliance control program is recorded in such a manner as to be readable and executable by a computer, said control program comprising the steps of:

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enabling transmission and reception of an information signal by radio
communication to and from a home appliance which supports audio transmission or reception by
said radio communication and is remote-controllable by a radio communication;

generating, upon arrival of an incoming call, a remote control signal to said home
appliance;

sending the remote control signal to said home appliance by the radio
communication; and

receiving a confirmation signal in one frequency band from said appliance
indicating that said appliance has received said remote control signal;

wherein said radio communication means is simultaneously operable in at least
two different frequency bands.

27. (Original) The program recording medium according to claim 26, wherein
said radio communication is Bluetooth communication.

28. (Previously Presented) The program recording medium according to
claim 26, wherein the audio output of said home appliance is stopped under control by said
remote control signal.

29. (Original) The program recording medium according to claim 26,
wherein, at said connection processing step, the connecting process is executed in advance so as
to enable fast transmission and reception of the information signal to and from said home
appliance.

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30. (Original) The program recording medium according to claim 26, wherein, at said connection processing step, the connecting process is executed upon arrival of an incoming call so as to enable transmission and reception of the information signal to and from said home appliance.

31. (Original) The program recording medium according to claim 26, wherein said control program further comprises a connection releasing step for releasing the connection with said home appliance upon termination of the call.

32. (Original) The program recording medium according to claim 26, wherein, at said remote control signal generating step, the remote control signal is generated, upon arrival of an incoming call, to a plurality of said home appliances.

33. (Original) The program recording medium according to claim 26, wherein, at said remote control signal generating step, the remote control signal is acquired in advance from said home appliance.

34. (Original) The program recording medium according to claim 28, wherein the control for stopping the audio output is a control to pause the playing operation.

35. (Original) The program recording medium according to claim 28, wherein the control for stopping the audio output is a control to mute the sound.

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36. (Original) The program recording medium according to claim 28, wherein the remote control signal further serves to execute another control for sending an incoming-call notice tone to said home appliance.

37. (Original) The program recording medium according to claim 28, wherein the remote control signal further serves to execute, upon termination of the call, another control for resuming the audio output of said home appliance.